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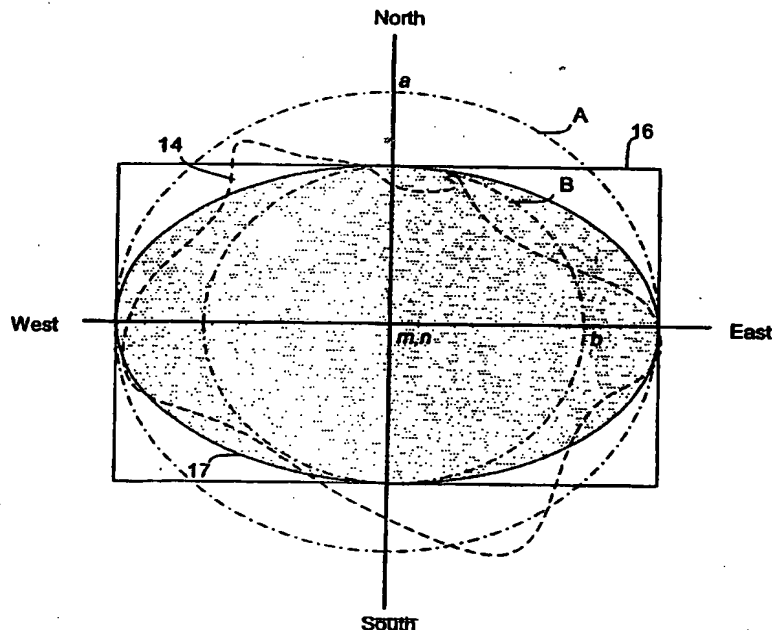
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(54) Title: **APPROXIMATING CELL GEOMETRY IN CELLULAR TRANSMISSION SYSTEM**



(57) Abstract: Approximating cell geometry in a cellular transmission system User equipment (UE1) for use in a cellular transmission system comprising a processor configuration (6) to provide data corresponding to first and second parameters (a, b) for dimensional extents of the cell, and to select one of a plurality of different approximate geometrical configurations for the cell in dependence on the relationship between the values of said parameters. The selected cell approximation is then compared with the UE's current location to determine if a cell handover is to be made. The cell approximation technique is described in relation to a DVB-T network.

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